

Safety Data Sheet

WipeClean Chlorine Disinfection

Replaces date: 22/03/2021

Revision date: 22/11/2022

Version: 3.0.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: WipeClean Chlorine Disinfection

Unique Formula Identifier (UFI): E720-2MHQ-700U-YVXG

Article no

Article no	Description
5241	Small; 10 wipes (20*30 cm)
5242	Large; 5 wipes (40*30 cm)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Biocide. Disinfection of surfaces.
Use biocides safely. Always read the label and product information before use.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company: Pal International Ltd.
Address: Bilton Way
Lutterworth
Zip code: LE17 4JA
City: Leicestershire
Country: UNITED KINGDOM

Distributor

Company: KiiltoClean A/S
Address: Frederik Plums Vej 2
Zip code: 5610
City: Assens
Country: DENMARK
E-mail: info.dk@kiilto.com
Phone: +45 64712112
Fax: +45 64712125
Homepage: www.kiilto.dk

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)). The emergency telephone is open 24 hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Aquatic Chronic 3;H412

CLP Classification - other information: Wipe containing liquid.

Most serious harmful effects: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard Statements

Safety Data Sheet

WipeClean Chlorine Disinfection

Replaces date: 22/03/2021

Revision date: 22/11/2022

Version: 3.0.0

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P501 Empty packaging material should be disposed of/sorted as plastic and used wipes/unused products can be disposed of as household waste.

Supplemental information

Use: Surface disinfection.

Type of formulation: Ready to use wipe. Ready to use.

Active substances: Active chlorine released from Sodium Hypochlorite (CAS 7681-52-9): >1.0 g/kg. The concentration of active chlorine is min. 1.000 ppm for 30 days after opening.

Dosage: To be used on clean and dry surfaces. Wipe the surface, so that it is moist according to the stated contact time.

Small: For disinfection of 1 m² per wipe.

Large: For disinfection of 2.5 m² per wipe.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
sodium-chloride-	7647-14-5	1 - 5 %		
sodium hypochlorite, solution ... % Cl active	7681-52-9 231-668-3	0.1 - 2 %	13	Met. Corr. 1;H290 Skin Corr. 1B;H314 Eye Dam. 1;H318 STOT SE 3;H335 Aquatic Acute 1;H400 EUH031 0% ≤ C < 5%: EUH031
sodium hydroxide	1310-73-2 215-185-5	0.01 - 0.05 %	13	Skin Corr. 1A;H314 2% ≤ C < 5%: Skin Corr. 1B; H314 C ≥ 5%: Skin Corr. 1A; H314 0.5% ≤ C < 2%: Skin Irrit. 2; H315 0.5% ≤ C < 2%: Eye Irrit. 2; H319

Please see section 16 for the full text of H- / EUH-phrases.

13 = The substance has a national exposure limit.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
Skin contact:	Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

4.3. Indication of any immediate medical attention and special treatment needed

Safety Data Sheet

WipeClean Chlorine Disinfection

Replaces date: 22/03/2021

Revision date: 22/11/2022
Version: 3.0.0

No special immediate treatment required. Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not directly flammable. Choose extinguishing agents based on the surrounding fire. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Keep unnecessary personnel away. Wear gloves.

For emergency responders: In addition to the above: No special steps are necessary.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Storage temperature: 5-25 °C. Avoid direct sunlight.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Safety Data Sheet

WipeClean Chlorine Disinfection

Replaces date: 22/03/2021

Revision date: 22/11/2022

Version: 3.0.0

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Comments
sodium hydroxide	15m		2			

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Not required.

Personal protective equipment, skin protection: Not required.

Personal protective equipment, hand protection: Wear gloves. Type of material: Nitrile rubber. Gloves must conform to EN 374. Breakthrough time has not been determined for the product. Change gloves often. Light use, shortterm contact (below 10 min.): Not required.

Personal protective equipment, respiratory protection: Not required. Follow local work instructions.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Wipe containing liquid.
Colour	White Tissue Clear Liquid
Odour	Weak Chlorine
Solubility	Soluble in the following: Water. (Cleaning fluid)

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	~ -2.5 °C	Value for the cleaning fluid.
Freezing point	No data	
Initial boiling point and boiling range	~ 101 °C	Value for the cleaning fluid.
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	8.5 - 9.5	Value for the cleaning fluid.
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	1,027-1,032 g/cm ³	Value for the cleaning fluid.
Relative density	No data	
Vapour density	No data	

Safety Data Sheet

WipeClean Chlorine Disinfection

Replaces date: 22/03/2021

Revision date: 22/11/2022

Version: 3.0.0

Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive
Oxidising properties		N/A

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Inorganic and organic compounds.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Chlorine gas may be released if mixed with strong acids (pH<2).

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids/ Ammonium compounds/ Cobber, Nickel and Iron.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - oral:	Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	By prolonged contact, the product may dry the skin. The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	Direct contact: Temporary irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.

Safety Data Sheet

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Replaces date: 22/03/2021

Revision date: 22/11/2022
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Single STOT exposure: The product does not have to be classified. Test data are not available.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

Aspiration hazard: The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

WipeClean Chlorine Disinfection

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae				0.0077 mg/l			
Fish	Pimephales promelas	96 h	96hLC50	0.43 mg/l		OECD 203	

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Test data cannot be obtained for technical reasons.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

Test data are not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment.

Empty packaging material should be disposed of/sorted as plastic and used wipes can be disposed of either as household waste or according to the specifications mentioned below. Unused product should be disposed of as hazardous waste.

Category of waste: Depending on the end use:
15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
18 01 03* wastes whose collection and disposal is subject to special requirements in order to prevent infection

Safety Data Sheet

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Replaces date: 22/03/2021

Revision date: 22/11/2022

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18 01 04 wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)

18 01 06* chemicals consisting of or containing hazardous substances

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable. **14.4. Packing group:** Not applicable.
14.2. UN proper shipping name: Not applicable. **14.5. Environmental hazards:** Not applicable.
14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special Provisions: Regulation (EU) of the European Parliament and of the Council concerning the making available on the market and use of biocidal products.
 REGULATION (EC) No 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures.
 COMMISSION REGULATION (EU) 2020/878 (SDS).

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
3.0.0	22/11/2022	KiiltoClean A/S (SKP)	2020/878
2.0.0	22/03/2021	KiiltoClean A/S (SKP)	1.1, 1.3, 2.2, 3.2, 16
1.1.0	15/03/2019	Plum A/S (SKP)	7.2
1.0.0	02/05/2018	Plum A/S (SKP)	New

Abbreviations: DNEL: Derived No Effect Level
 PNEC: Predicted No Effect Concentration
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: Very Persistent and Very Bioaccumulative
 STOT: Specific Target Organ Toxicity

References to literature and data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
 REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products (BPR).

Other Information: Shelf life: 1 month (after opening).
 Additional information can be obtained by contacting info.dk@kiilto.com or by telephone

Safety Data Sheet

WipeClean Chlorine Disinfection

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Revision date: 22/11/2022
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Bactericidal Effect:

EN 13727: Contact Time: 1 min

EN 13697: Contact Time: 2 min

EN 16615: Contact Time: 2 min

Yeasticidal / Fungicidal Effect:

EN 13624: Contact Time: 2 min

EN 13697 (Yeast): Contact Time: 2 min

EN 13697 (Fungicide): Contact Time: 15 min

EN 16615 (Yeast only): Contact Time: 2 min

Virucidal Effect:

EN 14476: Contact Time: 1 min

Tuberculocidal / Mycobactericidal Effect:

EN 14348: Contact Time: 1 min

Sporicidal Effect:

EN 17126: Contact Time: 5 min

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.**Date:** 22/11/2022**List of relevant H-statements**

H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 H412 Harmful to aquatic life with long lasting effects.

List of relevant EUH-statements

EUH031 Contact with acids liberates toxic gas.

SDS is prepared by

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